



CRANES, DERRICKS OR MATERIAL HANDLING DEVICES WORKSHEET

Waterfront Operations

Rental

☐ Yes ☐ No

If yes, rental companies name

Name of owner

Previous App. State Cert. #

Expiration date

Wt. test exp. date

Address

City

State

ZIP+4

Descriptions:

☐ Crane ☐ Derrick ☐ Other (describe)

Remains at work site

☐ Yes ☐ No, if No, explain

Owner ID#

Manufacturer

Model number

Serial number

Exact location

If crane or derrick, state type: Rail, Steam, Etc.

Powered by:

☐ Diesel ☐ Supplied electric ☐ Diesel electric ☐ Steam ☐ Other

Service status at time of tests (describe)

☐ Magnet ☐ Container spreader ☐ Lifting ☐ Clamshell ☐ Other

Boom length at time of test

Type of boom construction

Main hoist:Whip:Jib:

Wire Rope	No. Parts	Diameter	No. strands	Wires per strand	Type core	Break strength	Attach manufacturer's certificate of wire rope: <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div>Certificate available<div><input type="checkbox"/> Yes <input type="checkbox"/> No</div></div>
Main Hoist							
Whip							
Trolley							
Boom							
Boom Pendants							

The following items must be inspected where applicable: if not applicable, so indicate:

	Accept	Reject	N/A		Accept	Reject	N/A
a) Durable rating chart visible to operator—				m) Air system			
b) Boom angle indicator				n) Electrical system			
c) Radius indicator				o) Blocks and sheaves			
d) Operator controls marked or explanation of controls in operator's view				p) All deadening of cables			
e) Main hoist wire limit control				q) All hook safety latches & straps			
f) Whip hoists wire limit control				r) All brakes			
g) Travel alarm				s) Boom light fixture safety lines			
h) Gantry, trolley limits				t) Intercom system dock to cab			
i) All pins and shafts				u) Cable clamps, proper size, type spacing			
j) Counterweight				v) All clutches, dogs, gauges			
k) Hydraulic system				w) Weight indicator in proper working order			
l) Crane Structure				x) Anti-Collision Device			
				y) Overload prevention system			

4. TEST REQUIRED: Proof load test for cranes shall be based on manufacture's load rating to be applied at 10% excess at maximum and minimum radius and at any intermediate radii deemed necessary at time of certification. A derrick shall be proof load tested in excess of safe working load: to 20T - proof load 25% excess: to 50 T - proof load 5 T excess: over 50 T - 10% excess. Bridge type cranes - 25% in excess of manufacturer's ratings.

Radius in feet	Test Load		Attachment Weight	Rated Capacity		Percentage of load test	Main /Whip
	Tons	Los.		Tons	Los.		

Means of application of proof load

Basis for assigned load rating - designate owner or manufacturer

Remarks

I hereby certify the above tests and/or examinations have been conducted in accordance with the following:

☐ Washington state safety standards for longshore, stevedore and related waterfront operation, WAC 296 - Chapter 56 ☐ Safety standards for ship repairing, shipbuilding and ship breaking, WAC 296 - Chapter 304

Date

Address

City

ZIP+4

Signature of certified inspector

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